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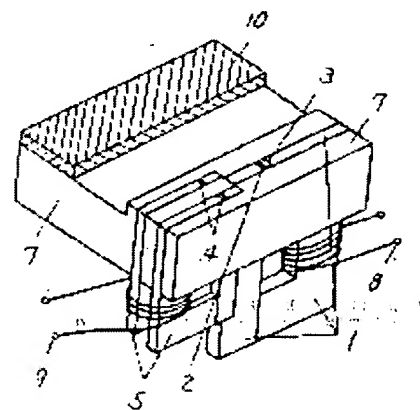
SAKATA HIROSHI

(54) BOTH SIDES TYPE MAGNETIC HEAD

(57)Abstract:

PURPOSE: To sufficiently read and write a bit of information even from and on a recording medium having a high coercive force or a recording medium having a thick magnetic film by using a ferromagnetic body to attach a magnetic material having a high permeability to a part of a slider in the vicinity of the gap of a read/write core consisting of a ferrite.

CONSTITUTION: A read/write core 1 of a tunnel erase type magnetic head is provided with a read/write gap 3 and a gap nearby core 2 on the side face of the gap 3. The gap nearby core 2 consists of ferromagnetic materials having a high saturation magnetic flux density like a 'Sendust(R)', an amorphous magnetic material, or 'Permalloy (R)'. Since a ferrite is generally used as materials of the main core (read/write core 1), the high frequency characteristic and the wear resistance are satisfactory; and further, the saturation magnetic flux density is raised because ferromagnetic materials like 'Permalloy(R)' are used as materials of a read/write gap nearby core 3. Thus, the information is sufficiently written on and read from even the recording medium having a high coercive force or the recording medium having a thick magnetic film.



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